MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda(H), Gundlapochampally Village,Medchal
Mandal, Medchal-Malkajgiri District, Telangana State – 500100

CIRCULAR

Date: 27/11/2019

All the 3rd /II Sem Year students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like IOT,Motion Control Robots, Multimedia – VFX, Green Matte Studio - Video Effects/Transitions, Green Matte Studio - Video Effects/Transitions, Advanced PYTHON in Centre Of Excellence. In this regard Interested students are hereby directed to register for this Courses on or before 02/12/2019. For further details, please contact Centre of Excellence, MREC(A)

Principal

Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100.

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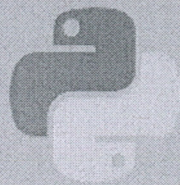# MALLA REDDY ENGINEERING COLLEGE

MAIN CAMPUS, AUTONOMOUS INSTITUTION

Maisammaguda, Dhulapally (Post) via Kompally,
Secunderabad-500100Medchal - Malkajgiri District Telangana, India

COMPUTER SOFTWARE

HTML ,PYTHON WITH DJANGO ,JAVA , SCRATCH PROGRAMMING

LAB VIEW, FOUNDATION OF BLOCK CHAIN, MATLAB, BLOCK CHAIN REVOLUTION, MATLAB PRO, ADVANCE JAVA, ADVANCE PYTHON.

python   Java

Course Duration -: 4 Months

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Before Software can be Reusable
it First has to be Usable.

MALLA REDDY ENGINEERING COLLEGE

(An UGC Autonomous Institution, Affiliated to JNTUH,
Accredited 2nd time by NAAC with 'A' Grade & NBA)
Maisammaguda (H), Medchal-Malkajgiri District,
Telangana State – 500100

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: Advanced Python

Python Modules

Advanced Python, What is a Module? Types of Modules, The import Statement, The from…import Statement, ..import * Statement, Underscores in Python, The dir( ) Function, Creating User defined Modules, Command line Arguments, Python Module Search Path

Packages in Python

What is a Package? Introduction to Packages, py file, Importing module from a package, Creating a Package, Creating Sub Package Importing from Sub-Packages, Popular Python Packages

File Handling

What is a data, Information File? File Objects, File Different Modes and Object Attributes, How to create a Text Fil and Append Data to a File and Read a File, Closing a file, Read, read line ,read lines, write, write lines…!!, Renaming and Deleting Files,

Exception Handling

Importance Of Exception, Try … finally. Argument of an Exception, Python Custom Exceptions, Ignore Errors, Assertions, Handling IO Exceptions

Python Class and Objects

Introduction to OOPs Programming, Object Oriented Programming System, OOPS Principles, Define Classes, Creating Objects, Class variables and Instance Variables Constructors, Basic concept of Object and Classes, Access Modifiers, How to define Python classes, Python Namespace, Self-variable in python , Garbage Collection, What is Inheritance? Types of Inheritance? How Inheritance works? Python Multiple Inheritance, Overloading and Over Riding, Polymorphism, Abstraction Encapsulation, Built-In Class Attributes

GUI Programming-Tkinter

Introduction ,Components and Events

Adding Controls, Entry Widget, Text Widget, Radio Button, Check Button, List Boxes, Menus, ComboBox

	MALLA REDDY ENGINEERING COLLEGE	Course:
	(Autonomous)	Advanced
	Maisammaguda(H), Gundlapochampally Village,	PYTHON
	Medchal Mandal, Medchal-Malkajgiri District,	Date:02/12/2019
	Telangana State - 500100	to 28/03/2020

Registered Students

SL.No	Roll No	NAME	BRANCH
1.	17J41A01E8	MALAHA MOHITH	CE
2.	17J41A01H0	TIKARAM DINESH KUMAR	CE
3.	17J41A1227	M ROHIT	IT
4.	17J41A1229	MEDISHETTI SATHWIK	IT
5.	17J41A1235	NAVAKOTI RUGVED	IT
6.	17J41A1236	NENAVATH RAKESH NAYAK	IT
7.	17J41A1240	POCHUGARI PAVAN KALYAN REDDY	IT
8.	17J41A1244	POTNURU LAKSHMI KUMARI	IT
9.	17J41A1249	RODDA SREE CHARAN REDDY	IT
10.	17J41A1251	PALEPU SARAYU	IT
11.	17J41A1255	SUSHANTH SINGH THAKUR	IT
12.	17J41A0227	KETHIRI SAI KRISHNA	EEE
13.	17J41A0235	MOHAMMAD ABDUL SUMAIR MUSTHAFA	EEE
14.	17J41A0257	YERRA HARISH	EEE
15.	17J41A0258	YERRA VENKATA KAVYA	EEE
16.	17J41A03L8	KONABONIA SURAJ	ME
17.	17J41A03M0	KONDRU HARRIE VINCENT	ME
18.	17J41A03M6	MADISETTI AJAY SAI	ME
19.	17J41A04E9	KESAVARAJU VENKATA SREEKANTH	ECE
20.	17J41A04F0	KETAVATH RAHUL	ECE
21.	17J41A04F6	MANUPATI VIDYAVATHI	ECE
22.	17J41A04G1	MULKURI MANUPAVAN	ECE
23.	17J41A04G6	PUTTI DIVYA SREE	ECE
24.	17J41A05L9	MATTAPALLI JAGADEESH KRISHNA	CSE
25.	17J41A05M0	MEDURI SREEHITHA CHOWDARY	CSE
26.	17J41A05M5	PENTUKAR MOUNIKA	CSE
27.	17J41A05M9	RAMIDI SHARANYA	CSE
28.	17J41A05N0	SABAVATH SAILAJA	CSE
29.	17J41A05N5	SUHASH A	CSE
30.	17J41A05P3	VISHLAVATH MADHURI	CSE

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SUMMARY

ADVANCED PYTHON

The advanced features of any programming language are usually discovered through extensive experience. You're coding up a complicated project and find yourself searching for something on stackoverflow. You then come across a beautifully elegant solution to your problem that uses a Python feature you never even knew existed

Python language which can be considered advanced — in the sense that not every language has them, and also in the sense that they are more useful in more complicated programs or libraries, but not in the sense of being particularly specialized, or particularly complicated.

It is important to underline that this chapter is purely about the language itself — about features supported through special syntax complemented by functionality of the Python stdlib, which could not be implemented through clever external modules.

The process of developing the Python programming language, its syntax, is very transparent; proposed changes are evaluated from various angles and discussed via *Python Enhancement Proposals* — PEPs.

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Certificate

Of the Course Completion

This is to Certify that

MEDISHETTI SATHWIK

has Sucessfully Completed Advanced Python
Offered by Centre of Excellence, MREC(A) on _____28/03/2020_____ bearing
with Roll No.___17J41A1229___ and Branch ____IT____.

Dr.N.Rishikanth
COE Dean

Principal
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Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100

Dr.S.Sudhakara Reddy
Conference Chair &Principal

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PUTTI DIVYA SREE

has Sucessfully Completed Advanced Python

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with Roll No.___17J41A04G6___ and Branch _____ECE_____.

Dr.N.Rishikanth
COE Dean

Principal
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Dr.S.Sudhakara Reddy
Conference Chair &Principal

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This is to Certify that

RAMIDI SHARANYA

has Sucessfully Completed Advanced Python

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with Roll No. __17J41A05M9__ and Branch ____CSE____.

Dr.N.Rishikanth
COE Dean

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Conference Chair &Principal

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SUSHANTH SINGH THAKUR

has Sucessfully Completed Advanced Python
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with Roll No. ___17J41A1255___ and Branch ____IT____.

Dr.N.Rishikanth
COE Dean

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Conference Chair &Principal

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Of the Course Completion

This is to Certify that

VISHLAVATH MADHURI

has Sucessfully Completed Advanced Python

Offered by Centre of Excellence, MREC(A) on ____28/03/2020____ bearing

with Roll No.__17J41A05P3__ and Branch ____CSE____.

Dr.N.Rishikanth
COE Dean

Principal
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Dr.S.Sudhakara Reddy
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